BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains at Kenchenahalli, Harohalli and Nagenahalli SC-ST areas in Ward No. 02 of Yelahanka Sub division

Measurements Taken On :

ABSTRACT OF MEASUREMENT SHEET - 1st and FINAL BILL

Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No. 1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	1427.83			
	present Qty	Cum	1427.83			
	Previous Bill Qty	Cum	-			
	Total	Cum	1427.83			
	Tender Qty	Cum	1428.55			
	Now to be paid	Cum	1427.83	215.28	307384.24	
Item No. 02	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	279.01			
	present Qty	Cum	279.01			
	Previous Bill Qty	Cum	-			
	Total	Cum	279.01			
	Tender Qty	Cum	277.04			
	Now to be paid	Cum	279.01			
	Quantity Limited To	Cum	277.04	5421.90	1502083.18	
Item No. 03	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification and as per the directions of the Engineer-in-charge of the work .	Cum	311.32			
	present Qty	Cum	311.32			
	Previous Bill Qty	Cum	-			
	Total	Cum	311.32			
	Tender Qty	Cum	311.37			
	Now to be paid	Cum	311.32	7070.20	2201101.45	

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Contractor

Assistant Engineer

A.E.E. Assistant Executive Engineer

Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No.04	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Tonne	22.54			
	present Qty	Tonne	22.54			
	Previous Bill Qty	Tonne	-			
	Total	Tonne	22.54			
	Tender Qty	Tonne	22.57			
	Now to be paid	Tonne	22.54	73992.24	1667753.07	
Item No.05	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of the Engineer-in-charge of the work . (Data Rate)	Sqm	696.45			
	present Qty	Sqm	696.45			
	Previous Bill Qty	Sqm	-			
	Total	Sqm	696.45			
	Tender Qty	Sqm	696.75			
	Now to be paid	Sqm	696.45	2337.00	1627603.65	
Item No.06	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of the Engineer-in-charge of the work . (Data Rate)	Sqm	66.36			
	present Qty	Sqm	66.36			
	Previous Bill Qty	Sqm	-			
	Total	Sqm	66.36			
	Tender Qty	Sqm	64.80			
	Now to be paid	Sqm	66.36			
	Quantity Limited To	Sqm	64.80	5418.00	351086.40	

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Contractor

Assistant Engineer

Assistant Executive Engineer

Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No.07	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	123.57			
	present Qty	**Cum**	**123.57**			
	Previous Bill Qty	**Cum**	**-**			
	Total	**Cum**	**123.57**			
	Tender Qty	**Cum**	**123.75**			
	Now to be paid	**Cum**	**123.57**	**5210.96**	**643918.72**	
Item No.08	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. and as per the directions of the Engineer-in-charge of the work .	Sqm	769.13			
	present Qty	**Sqm**	**769.13**			
	Previous Bill Qty	**Sqm**	**-**			
	Total	**Sqm**	**769.13**			
	Tender Qty	**Sqm**	**825.00**			
	Now to be paid	**Sqm**	**769.13**	**72.08**	**55439.07**	
				SUB TOTAL AMOUNT	**8356369.77**	
				Add KRIDL @ 4%	**334254.79**	
				Add GST @ 12%	**1002764.37**	
				TOTAL AMOUNT	**9693388.93**	

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Contractor

PMC

AssistantEngineer

A.E.E
Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.
BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK: Improvements to roads and drains at Kenchenahalli, Harohalli and Nagenahalli SC-ST areas in Ward No. 02 of Yelahanka Sub division									
Measurements Taken On :									
MEASUREMENT SHEET - 1st and FINAL BILL									
Chainage From	**Chainage To**	**Description of Item**	**Unit**	**No**	**Length (m)**	**Breadth (m)**	**Depth (m)**	**Quantity**	**Remarks**
Item No. 01		**Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .**							
		New Drain							
		Kenchenahalli							
		Main Rd continue							
		Lift Side							
0	15		Cum	1	15.00	1.20	1.10	19.80	
15	30		Cum	1	15.00	1.20	1.10	19.80	
30	45		Cum	1	15.00	1.20	1.10	19.80	
45	60		Cum	1	15.00	1.20	1.10	19.80	
60	75		Cum	1	15.00	1.20	1.10	19.80	
75	85.5		Cum	1	10.50	1.20	1.10	13.86	
85.5	100.5		Cum	1	15.00	1.20	1.10	19.80	
100.5	115.7		Cum	1	15.20	1.20	1.10	20.06	
115.7	130.5		Cum	1	14.80	1.20	1.10	19.54	
130.5	144.4		Cum	1	13.90	1.20	1.10	18.35	
		Right Side							
0	13.6		Cum	1	13.60	1.20	1.10	17.95	
13.6	28.6		Cum	1	15.00	1.20	1.10	19.80	
28.6	43.6		Cum	1	15.00	1.20	1.10	19.80	
43.6	57.6		Cum	1	14.00	1.20	1.10	18.48	
57.6	71		Cum	1	13.40	1.20	1.10	17.69	
71	85.4		Cum	1	14.40	1.20	1.10	19.01	
85.4	103.4		Cum	1	18	1.20	1.10	23.76	
103.4	124.2		Cum	1	20.80	1.20	1.10	27.46	
		Arun Shelters Apartment Road							
		Right Side							
0	18.8		Cum	1	18.80	1.20	1.10	24.82	
18.8	33.8		Cum	1	15.00	1.20	1.10	19.80	
33.8	48.8		Cum	1	15.00	1.20	1.10	19.80	
48.8	63.8		Cum	1	15.00	1.20	1.10	19.80	
63.8	69.2		Cum	1	5.40	1.20	1.10	7.13	
69.2	84.2		Cum	1	15.00	1.20	1.10	19.80	
84.2	99.2		Cum	1	15.00	1.20	1.10	19.80	
99.2	114.2		Cum	1	15.00	1.20	1.10	19.80	
114.2	129.2		Cum	1	15.00	1.20	1.10	19.80	

Contactor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
129.2	144.2		Cum	1	15.00	1.20	1.10	19.80	
144.2	159.2		Cum	1	15.00	1.20	1.10	19.80	
159.2	174.2		Cum	1	15.00	1.20	1.10	19.80	
174.2	189.2		Cum	1	15.00	1.20	1.10	19.80	
189.2	204.2		Cum	1	15.00	1.20	1.10	19.80	
204.2	213.5		Cum	1	9.30	1.20	1.10	12.28	
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Cum	1	15.00	1.20	1.10	19.80	
15	30		Cum	1	15.00	1.20	1.10	19.80	
30	42.2		Cum	1	12.20	1.20	1.10	16.10	
		Cross Road-2							
0	15		Cum	1	15.00	1.20	1.05	18.90	
15	30		Cum	1	15.00	1.20	1.05	18.90	
30	45		Cum	1	15.00	1.20	1.05	18.90	
45	60		Cum	1	15.00	1.20	1.05	18.90	
60	75		Cum	1	15.00	1.20	1.05	18.90	
75	80		Cum	1	5.00	1.20	1.05	6.30	
		Cross Road-3							
0	15		Cum	1	15.00	1.00	0.80	12.00	
15	30		Cum	1	15.00	1.00	0.80	12.00	
30	47		Cum	1	17.00	1.00	0.80	13.60	
		Cross Road-4							
0	15		Cum	1	15.00	1.20	1.05	18.90	
15	30		Cum	1	15.00	1.20	1.05	18.90	
30	45		Cum	1	15.00	1.20	1.05	18.90	
45	60		Cum	1	15.00	1.20	1.05	18.90	
60	75		Cum	1	15.00	1.20	1.05	18.90	
75	90		Cum	1	15.00	1.20	1.05	18.90	
90	105		Cum	1	15.00	1.20	1.05	18.90	
105	120		Cum	1	15.00	1.20	1.05	18.90	
120	135		Cum	1	15.00	1.20	1.05	18.90	
135	150		Cum	1	15.00	1.20	1.05	18.90	
150	164		Cum	1	14.00	1.20	1.05	17.64	
		Culvert							
		Kenchenahalli							
		Main Rd continue							
			Cum	1	7.00	1.70	0.95	11.31	
			Cum	1	7.80	1.70	1.00	13.26	
		Arun Shelters Apartment Road							
		LHS							
			Cum	1	10.30	1.70	1.00	17.51	
			Cum	1	7.90	1.70	1.00	13.43	
		RHS							
			Cum	1	8.30	1.70	1.00	14.11	
			Cum	1	7.80	1.70	1.00	13.26	

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
			Cum	1	10.40	1.70	1.00	17.68	
		Harohalli Sri nidhi Layout							
		Cross Road-1							
			Cum	1	3.70	1.70	1.00	6.29	
		For Concrete Road							
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Cum	1	15.00	4.15	0.35	21.79	
15	30		Cum	1	15.00	3.60	0.35	18.90	
30	49.5		Cum	1	19.50	3.55	0.35	24.23	
		Cross Road-2							
0	15		Cum	1	15.00	5.00	0.35	26.25	
15	30		Cum	1	15.00	5.35	0.35	28.09	
30	33.3		Cum	1	3.30	4.85	0.35	5.60	
33.3	48.3		Cum	1	15.00	4.05	0.35	21.26	
48.3	63.3		Cum	1	15.00	4.00	0.35	21.00	
63.3	71.7		Cum	1	8.40	4.00	0.35	11.76	
		Kenchenahalli School							
			Cum	1	8.80	6.10	0.35	18.79	
			Cum	1	13.15	5.25	0.35	24.16	
			Cum	1	7.10	13.70	0.35	34.04	
		Over Burden	Cum	1	35.00	1.00	0.80	28.00	
							TOTAL	**1427.83**	

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer A.E.E Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.02		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .							
		New Drain							
		Kenchenahalli							
		Main Rd continue							
		Lift Side							
0	15		Cum	1	15.00	1.20	0.15	2.70	
15	30		Cum	1	15.00	1.20	0.15	2.70	
30	45		Cum	1	15.00	1.20	0.15	2.70	
45	60		Cum	1	15.00	1.20	0.15	2.70	
60	75		Cum	1	15.00	1.20	0.15	2.70	
75	85.5		Cum	1	10.50	1.20	0.15	1.89	
85.5	100.5		Cum	1	15.00	1.20	0.15	2.70	
100.5	115.7		Cum	1	15.20	1.20	0.15	2.74	
115.7	130.5		Cum	1	14.80	1.20	0.15	2.66	
130.5	144.4		Cum	1	13.90	1.20	0.15	2.50	
		Right Side							
0	13.6		Cum	1	13.60	1.20	0.15	2.45	
13.6	28.6		Cum	1	15.00	1.20	0.15	2.70	
28.6	43.6		Cum	1	15.00	1.20	0.15	2.70	
43.6	57.6		Cum	1	14.00	1.20	0.15	2.52	
57.6	71		Cum	1	13.40	1.20	0.15	2.41	
71	85.4		Cum	1	14.40	1.20	0.15	2.59	
85.4	103.4		Cum	1	18	1.20	0.15	3.24	
103.4	124.2		Cum	1	20.80	1.20	0.15	3.74	
		Arun Shelters Apartment Road							
		Right Side							
0	18.8		Cum	1	18.80	1.20	0.15	3.38	
18.8	33.8		Cum	1	15.00	1.20	0.15	2.70	
33.8	48.8		Cum	1	15.00	1.20	0.15	2.70	
48.8	63.8		Cum	1	15.00	1.20	0.15	2.70	
63.8	69.2		Cum	1	5.40	1.20	0.15	0.97	
69.2	84.2		Cum	1	15.00	1.20	0.15	2.70	
84.2	99.2		Cum	1	15.00	1.20	0.15	2.70	
99.2	114.2		Cum	1	15.00	1.20	0.15	2.70	
114.2	129.2		Cum	1	15.00	1.20	0.15	2.70	
129.2	144.2		Cum	1	15.00	1.20	0.15	2.70	
144.2	159.2		Cum	1	15.00	1.20	0.15	2.70	
159.2	174.2		Cum	1	15.00	1.20	0.15	2.70	
174.2	189.2		Cum	1	15.00	1.20	0.15	2.70	
189.2	204.2		Cum	1	15.00	1.20	0.15	2.70	

Contactor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
204.2	213.5		Cum	1	9.30	1.20	0.15	1.67	
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Cum	1	15.00	1.20	0.15	2.70	
15	30		Cum	1	15.00	1.20	0.15	2.70	
30	42.2		Cum	1	12.20	1.20	0.15	2.20	
		Cross Road-2							
0	15		Cum	1	15.00	1.20	0.15	2.70	
15	30		Cum	1	15.00	1.20	0.15	2.70	
30	45		Cum	1	15.00	1.20	0.15	2.70	
45	60		Cum	1	15.00	1.20	0.15	2.70	
60	75		Cum	1	15.00	1.20	0.15	2.70	
75	80		Cum	1	5.00	1.20	0.15	0.90	
		Cross Road-3							
0	15		Cum	1	15.00	1.00	0.15	2.25	
15	30		Cum	1	15.00	1.00	0.15	2.25	
30	47		Cum	1	17.00	1.00	0.15	2.55	
		Cross Road-4							
0	15		Cum	1	15.00	1.20	0.15	2.70	
15	30		Cum	1	15.00	1.20	0.15	2.70	
30	45		Cum	1	15.00	1.20	0.15	2.70	
45	60		Cum	1	15.00	1.20	0.15	2.70	
60	75		Cum	1	15.00	1.20	0.15	2.70	
75	90		Cum	1	15.00	1.20	0.15	2.70	
90	105		Cum	1	15.00	1.20	0.15	2.70	
105	120		Cum	1	15.00	1.20	0.15	2.70	
120	135		Cum	1	15.00	1.20	0.15	2.70	
135	150		Cum	1	15.00	1.20	0.15	2.70	
150	164		Cum	1	14.00	1.20	0.15	2.52	
		Culvert							
		Kenchenahalli							
		Main Rd continue							
			Cum	1	7.00	1.70	0.15	1.79	
			Cum	1	7.80	1.70	0.15	1.99	
		Arun Shelters Apartment Road							
		LHS							
			Cum	1	10.30	1.70	0.15	2.63	
			Cum	1	7.90	1.70	0.15	2.01	
		RHS							
			Cum	1	8.30	1.70	0.15	2.12	
			Cum	1	7.80	1.70	0.15	1.99	
			Cum	1	10.40	1.70	0.15	2.65	
		Harohalli Sri nidhi Layout							
		Cross Road-1							
			Cum	1	3.70	1.70	0.15	0.94	

Contactor

CIVIL Sig Date PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		For Kerb Stone							
		Main Rd continue							
		Lift Side							
0	15		Cum	1	15.00	0.20	0.15	0.45	
15	30		Cum	1	15.00	0.20	0.15	0.45	
30	45		Cum	1	15.00	0.20	0.15	0.45	
45	60		Cum	1	15.00	0.20	0.15	0.45	
60	75		Cum	1	15.00	0.20	0.15	0.45	
75	85.5		Cum	1	10.50	0.20	0.15	0.32	
85.5	100.5		Cum	1	15.00	0.20	0.15	0.45	
100.5	115.7		Cum	1	15.20	0.20	0.15	0.46	
115.7	130.5		Cum	1	14.80	0.20	0.15	0.44	
130.5	144.4		Cum	1	13.90	0.20	0.15	0.42	
0	13.6		Cum	1	13.60	0.20	0.15	0.41	
13.6	28.6		Cum	1	15.00	0.20	0.15	0.45	
28.6	43.6		Cum	1	15.00	0.20	0.15	0.45	
43.6	57.6		Cum	1	14.00	0.20	0.15	0.42	
57.6	71		Cum	1	13.40	0.20	0.15	0.40	
71	85.4		Cum	1	14.40	0.20	0.15	0.43	
85.4	103.4		Cum	1	18.00	0.20	0.15	0.54	
103.4	118.5		Cum	1	15.10	0.20	0.15	0.45	
		For Concrete Road							
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Cum	1	15.00	4.15	0.15	9.34	
15	30		Cum	1	15.00	3.60	0.15	8.10	
30	49.5		Cum	1	19.50	3.55	0.15	10.38	
		Cross Road-2							
0	15		Cum	1	15.00	5.00	0.15	11.25	
15	30		Cum	1	15.00	5.35	0.15	12.04	
30	33.3		Cum	1	3.30	4.85	0.15	2.40	
33.3	48.3		Cum	1	15.00	4.05	0.15	9.11	
48.3	63.3		Cum	1	15.00	4.00	0.15	9.00	
63.3	71.7		Cum	1	8.40	4.00	0.15	5.04	
		Kenchenahalli School							
			Cum	1	8.80	6.10	0.15	8.05	
			Cum	1	13.15	5.25	0.15	10.36	
			Cum	1	7.10	13.70	0.15	14.59	
							TOTAL	**279.01**	
							Quantity Limited To	**277.04**	

CIVIL Pro Sig. Date BANGALORE

Contactor PMC Assistant Engineer A.E.E Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.03		Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification and as per the directions of the Engineer-in-charge of the work .							
		Bottom Raft							
		Kenchenahalli							
		Main Rd continue							
		Lift Side							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	0.15	2.48	
45	60		Cum	1	15.00	1.10	0.15	2.48	
60	75		Cum	1	15.00	1.10	0.15	2.48	
75	85.5		Cum	1	10.50	1.10	0.15	1.73	
85.5	100.5		Cum	1	15.00	1.10	0.15	2.48	
100.5	115.7		Cum	1	15.20	1.10	0.15	2.51	
115.7	130.5		Cum	1	14.80	1.10	0.15	2.44	
130.5	144.4		Cum	1	13.90	1.10	0.15	2.29	
		Right Side							
0	13.6		Cum	1	13.60	1.10	0.15	2.24	
13.6	28.6		Cum	1	15.00	1.10	0.15	2.48	
28.6	43.6		Cum	1	15.00	1.10	0.15	2.48	
43.6	57.6		Cum	1	14.00	1.10	0.15	2.31	
57.6	71		Cum	1	13.40	1.10	0.15	2.21	
71	85.4		Cum	1	14.40	1.10	0.15	2.38	
85.4	103.4		Cum	1	18.00	1.10	0.15	2.97	
103.4	124.2		Cum	1	20.80	1.10	0.15	3.43	
		Arun Shelters Apartment Road							
		Right Side							
0	18.8		Cum	1	18.80	1.10	0.15	3.10	
18.8	33.8		Cum	1	15.00	1.10	0.15	2.48	
33.8	48.8		Cum	1	15.00	1.10	0.15	2.48	
48.8	63.8		Cum	1	15.00	1.10	0.15	2.48	
63.8	69.2		Cum	1	5.40	1.10	0.15	0.89	
69.2	84.2		Cum	1	15.00	1.10	0.15	2.48	
84.2	99.2		Cum	1	15.00	1.10	0.15	2.48	
99.2	114.2		Cum	1	15.00	1.10	0.15	2.48	
114.2	129.2		Cum	1	15.00	1.10	0.15	2.48	
129.2	144.2		Cum	1	15.00	1.10	0.15	2.48	
144.2	159.2		Cum	1	15.00	1.10	0.15	2.48	
159.2	174.2		Cum	1	15.00	1.10	0.15	2.48	
174.2	189.2		Cum	1	15.00	1.10	0.15	2.48	
189.2	204.2		Cum	1	15.00	1.10	0.15	2.48	
204.2	213.5		Cum	1	9.30	1.10	0.15	1.53	

Contactor

PMC BANGALORE

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	42.2		Cum	1	12.20	0.90	0.15	1.65	
		Cross Road-2							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	60		Cum	1	15.00	0.90	0.15	2.03	
60	75		Cum	1	15.00	0.90	0.15	2.03	
75	80		Cum	1	5.00	0.90	0.15	0.68	
		Cross Road-3							
0	15		Cum	1	15.00	0.95	0.15	2.14	
15	30		Cum	1	15.00	0.95	0.15	2.14	
30	47		Cum	1	17.00	0.90	0.15	2.30	
		Cross Road-4							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	0.15	2.48	
45	60		Cum	1	15.00	1.10	0.15	2.48	
60	75		Cum	1	15.00	1.10	0.15	2.48	
75	90		Cum	1	15.00	1.10	0.15	2.48	
90	105		Cum	1	15.00	1.10	0.15	2.48	
105	120		Cum	1	15.00	1.10	0.15	2.48	
120	135		Cum	1	15.00	1.10	0.15	2.48	
135	150		Cum	1	15.00	1.10	0.15	2.48	
150	164		Cum	1	14.00	1.10	0.15	2.31	
		Culvert							
		Kenchenahalli							
		Main Rd continue							
			Cum	1	7.00	1.20	0.20	1.68	
			Cum	1	7.80	1.20	0.20	1.87	
		Arun Shelters Apartment Road							
		LHS							
			Cum	1	10.30	1.20	0.20	2.47	
			Cum	1	7.90	1.20	0.20	1.90	
		RHS							
			Cum	1	8.30	1.20	0.20	1.99	
			Cum	1	7.80	1.20	0.20	1.87	
			Cum	1	10.40	1.20	0.20	2.50	
		Harohalli Sri nidhi Layout							
		Cross Road-1							
			Cum	1	3.70	1.20	0.20	0.89	

Contactor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

A,E,E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Side Wall							
		Kenchenahalli							
		Main Rd continue							
		Lift Side							
0	15		Cum	2	15.00	0.15	0.65	2.93	
15	30		Cum	2	15.00	0.15	0.65	2.93	
30	45		Cum	2	15.00	0.15	0.65	2.93	
45	60		Cum	2	15.00	0.15	0.65	2.93	
60	75		Cum	2	15.00	0.15	0.65	2.93	
75	85.5		Cum	2	10.50	0.15	0.65	2.05	
85.5	100.5		Cum	2	15.00	0.15	0.60	2.70	
100.5	115.7		Cum	2	15.20	0.15	0.60	2.74	
115.7	130.5		Cum	2	14.80	0.15	0.60	2.66	
130.5	144.4		Cum	2	13.90	0.15	0.60	2.50	
		Right Side							
0	13.6		Cum	2	13.60	0.15	0.60	2.45	
13.6	28.6		Cum	2	15.00	0.15	0.60	2.70	
28.6	43.6		Cum	2	15.00	0.15	0.60	2.70	
43.6	57.6		Cum	2	14.00	0.15	0.65	2.73	
57.6	71		Cum	2	13.40	0.15	0.65	2.61	
71	85.4		Cum	2	14.40	0.15	0.65	2.81	
85.4	103.4		Cum	2	18.00	0.15	0.65	3.51	
103.4	124.2		Cum	2	20.80	0.15	0.65	4.08	
		Arun Shelters Apartment Road							
		Right Side							
0	18.8		Cum	2	18.80	0.15	0.65	3.67	
18.8	33.8		Cum	2	15.00	0.15	0.65	2.93	
33.8	48.8		Cum	2	15.00	0.15	0.65	2.93	
48.8	63.8		Cum	2	15.00	0.15	0.65	2.93	
63.8	69.2		Cum	2	5.40	0.15	0.65	1.05	
69.2	84.2		Cum	2	15.00	0.15	0.65	2.93	
84.2	99.2		Cum	2	15.00	0.15	0.60	2.70	
99.2	114.2		Cum	2	15.00	0.15	0.60	2.70	
114.2	129.2		Cum	2	15.00	0.15	0.60	2.70	
129.2	144.2		Cum	2	15.00	0.15	0.60	2.70	
144.2	159.2		Cum	2	15.00	0.15	0.60	2.70	
159.2	174.2		Cum	2	15.00	0.15	0.60	2.70	
174.2	189.2		Cum	2	15.00	0.15	0.60	2.70	
189.2	204.2		Cum	2	15.00	0.15	0.60	2.70	
204.2	213.5		Cum	2	9.30	0.15	0.60	1.67	
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Cum	2	15.00	0.15	0.76	3.42	
15	30		Cum	2	15.00	0.15	0.75	3.38	
30	42.2		Cum	2	12.20	0.15	0.60	2.20	
		Cross Road-2							

Contactor

PMC BANGALORE Sig Date

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
0	15		Cum	2	15.00	0.15	0.75	3.38	
15	30		Cum	2	15.00	0.15	0.70	3.15	
30	45		Cum	2	15.00	0.15	0.70	3.15	
45	60		Cum	2	15.00	0.15	0.70	3.15	
60	75		Cum	2	15.00	0.15	0.70	3.15	
75	80		Cum	2	5.00	0.15	0.70	1.05	
		Cross Road-3							
0	15		Cum	2	15.00	0.15	0.30	1.35	
15	30		Cum	2	15.00	0.15	0.45	2.03	
30	47		Cum	2	17.00	0.15	0.45	2.30	
		Cross Road-4							
0	15		Cum	2	15.00	0.15	0.60	2.70	
15	30		Cum	2	15.00	0.15	0.60	2.70	
30	45		Cum	2	15.00	0.15	0.60	2.70	
45	60		Cum	2	15.00	0.15	0.60	2.70	
60	75		Cum	2	15.00	0.15	0.60	2.70	
75	90		Cum	2	15.00	0.15	0.60	2.70	
90	105		Cum	2	15.00	0.15	0.60	2.70	
105	120		Cum	2	15.00	0.15	0.60	2.70	
120	135		Cum	2	15.00	0.15	0.60	2.70	
135	150		Cum	2	15.00	0.15	0.60	2.70	
150	164		Cum	2	14.00	0.15	0.60	2.52	
		Culvert							
		Kenchenahalli							
		Main Rd continue							
			Cum	2	7.00	0.20	0.55	1.54	
			Cum	2	7.80	0.20	0.50	1.56	
		Arun Shelters Apartment Road							
		LHS							
			Cum	2	10.30	0.20	0.60	2.47	
			Cum	2	7.90	0.20	0.60	1.90	
		RHS							
			Cum	2	8.30	0.20	0.60	1.99	
			Cum	2	7.80	0.20	0.60	1.87	
			Cum	2	10.40	0.20	0.60	2.50	
		Harohalli Sri nidhi Layout							
		Cross Road-1							
			Cum	2	3.70	0.20	0.60	0.89	
							TOTAL	**311.32**	

CIVIL Pro Sig Date BANGALORE

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	Item no.04		**Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.**						
	Kenchenahalli								
	Main Rd continue								
	LHS								
	Main Bars (#12@150 c/c)	1	12	964	964	2.66	2563.35	0.887814	2275.78
	Distribution(9-#8)	1	8	9	9	144.40	1299.60	0.394584	512.80
	RHS								
	Main Bars (#12@150 c/c)	1	12	829	829	2.66	2205.14	0.887814	1957.75
	Distribution(9-#8)	1	8	9	9	124.20	1117.80	0.394584	441.07
	Arun Shelters Apartment Road								
	RHS								
	Main Bars (#12@140 c/c)	1	12	1526	1526	2.64	4028.64	0.887814	3576.68
	Distribution(9-#8)	1	8	9	9	213.50	1921.50	0.394584	758.19
	Harohalli Sri nidhi Layout								
	Cross Road-1								
	Main Bars (#12@140 c/c)	1	12	302	302	2.60	786.31	0.887814	698.10
	Distribution(9-#8)	1	8	9	9	42.20	379.80	0.394584	149.86
	Cross Road-2								
	Main Bars (#12@140 c/c)	1	12	572	572	2.62	1499.76	0.887814	1331.51
	Distribution(9-#8)	1	8	9	9	80.00	720.00	0.394584	284.10
	Cross Road-3								
	Main Bars (#12@140 c/c)	1	12	337	337	2.03	683.53	0.887814	606.85
	Distribution(9-#8)	1	8	9	9	47.00	423.00	0.394584	166.91
	Cross Road-4								
	Main Bars (#12@120 c/c)	1	12	1368	1368	2.60	3555.93	0.887814	3157.01
	Distribution(9-#8)	1	8	9	9	164.00	1476.00	0.394584	582.41
	Culvert								
	Kenchenahalli								
	Main Rd continue								
	side wall								
	Main Bars outer face (#16@180 c/c)	2	16	40	80	2.70	215.40	1.578336	339.97
	Main Bars inner face (#16@180 c/c)	2	16	40	80	2.30	183.49	1.578336	289.61
	Distribution								
	side walls(9#10)	4	10	9	36	0.75	27.00	0.616538	16.65
	bottom slab(9-#10)	2	10	9	18	1.20	21.60	0.616538	13.32

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Contractor

Assistant Engineer

A.E.E

Assistant Executive Engineer

Main Rd continue								
side wall								
Main Bars outer face (#16@180 c/c)	2	16	44	89	2.60	230.53	1.578336	363.86
Main Bars inner face (#16@180 c/c)	2	16	44	89	2.20	195.07	1.578336	307.88
Distribution								
side walls(9#10)	4	10	9	36	0.70	25.20	0.616538	15.54
bottom slab(9-#10)	2	10	9	18	1.20	21.60	0.616538	13.32
Arun Shelters Apartment Road								
LHS								
side wall								
Main Bars outer face (#16@180 c/c)	2	16	58	116	2.80	326.04	1.578336	514.61
Main Bars inner face (#16@180 c/c)	2	16	58	116	2.40	279.47	1.578336	441.09
Distribution								
side walls(8#10)	4	10	8	32	0.80	25.60	0.616538	15.78
bottom slab(8-#10)	2	10	8	16	1.20	19.20	0.616538	11.84
Arun Shelters Apartment Road								
LHS								
side wall								
Main Bars outer face (#16@180 c/c)	2	16	45	90	2.80	251.38	1.578336	396.76
Main Bars inner face (#16@180 c/c)	2	16	45	90	2.40	215.47	1.578336	340.08
Distribution								
side walls(8#10)	4	10	8	32	0.80	25.60	0.616538	15.78
bottom slab(8-#10)	2	10	8	16	1.20	19.20	0.616538	11.84
Arun Shelters Apartment Road								
RHS								
side wall								
Main Bars outer face (#16@180 c/c)	2	16	47	94	2.80	263.82	1.578336	416.40
Main Bars inner face (#16@180 c/c)	2	16	47	94	2.40	226.13	1.578336	356.91
Distribution								
side walls(8#10)	4	10	8	32	0.80	25.60	0.616538	15.78
bottom slab(8-#10)	2	10	8	16	1.20	19.20	0.616538	11.84
Arun Shelters Apartment Road								
RHS								
side wall								
Main Bars outer face (#16@180 c/c)	2	16	44	89	2.80	248.27	1.578336	391.85
Main Bars inner face (#16@180 c/c)	2	16	44	89	2.40	212.80	1.578336	335.87
Distribution								
side walls(8#10)	4	10	8	32	0.80	25.60	0.616538	15.78
bottom slab(8-#10)	2	10	8	16	1.20	19.20	0.616538	11.84

CIVIL Pro Sig Date BANGALORE

Contractor PMC

Assistant Engineer

A.E.E

Assistant Executive Engineer

Assistant Executive Engineer

Arun Shelters Apartment Road								
RHS								
side wall								
Main Bars outer face (#16@180 c/c)	2	16	59	118	2.80	329.16	1.578336	519.52
Main Bars inner face (#16@180 c/c)	2	16	59	118	2.40	282.13	1.578336	445.30
Distribution								
side walls(8#10)	4	10	8	32	0.80	25.60	0.616538	15.78
bottom slab(8-#10)	2	10	8	16	1.20	19.20	0.616538	11.84
Harohalli Sri nidhi Layout								
Cross Road-1								
side wall								
Main Bars outer face (#16@180 c/c)	2	16	22	43	2.80	120.71	1.578336	190.52
Main Bars inner face (#16@180 c/c)	2	16	22	43	2.40	103.47	1.578336	163.31
Distribution								
side walls(8#10)	4	10	8	32	0.80	25.60	0.616538	15.78
bottom slab(8-#10)	2	10	8	16	1.20	19.20	0.616538	11.84
						TOTAL QTY IN KG'S		**22537.11**
						TOTAL QTY IN TONNE		**22.54**

CIVIL Pro Sig. Date BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer A.E.E

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.05		Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of the Engineer-in-charge of the work. (Data Rate)							
		Kenchenahalli							
		Main Rd continue							
		Lift Side							
0	15		Sqm	1	15.00	0.75		11.25	
15	30		Sqm	1	15.00	0.75		11.25	
30	45		Sqm	1	15.00	0.75		11.25	
45	60		Sqm	1	15.00	0.75		11.25	
60	75		Sqm	1	15.00	0.75		11.25	
75	85.5		Sqm	1	10.50	0.75		7.88	
85.5	100.5		Sqm	1	15.00	0.75		11.25	
100.5	115.7		Sqm	1	15.20	0.75		11.40	
115.7	130.5		Sqm	1	14.80	0.75		11.10	
130.5	144.4		Sqm	1	13.90	0.75		10.43	
		Right Side							
0	13.6		Sqm	1	13.60	0.90		12.24	
13.6	28.6		Sqm	1	15.00	0.90		13.50	
28.6	43.6		Sqm	1	15.00	0.90		13.50	
43.6	57.6		Sqm	1	14.00	0.90		12.60	
57.6	71		Sqm	1	13.40	0.90		12.06	
71	85.4		Sqm	1	14.40	0.90		12.96	
85.4	103.4		Sqm	1	18.00	0.90		16.20	
103.4	124.2		Sqm	1	20.80	0.90		18.72	
		Arun Shelters Apartment Road							
		Right Side							
0	18.8		Sqm	1	18.80	0.90		16.92	
18.8	33.8		Sqm	1	15.00	0.90		13.50	
33.8	48.8		Sqm	1	15.00	0.90		13.50	
48.8	63.8		Sqm	1	15.00	0.90		13.50	
63.8	69.2		Sqm	1	5.40	0.90		4.86	
69.2	84.2		Sqm	1	15.00	0.90		13.50	
84.2	99.2		Sqm	1	15.00	0.90		13.50	
99.2	114.2		Sqm	1	15.00	0.90		13.50	
114.2	129.2		Sqm	1	15.00	0.90		13.50	
129.2	144.2		Sqm	1	15.00	0.90		13.50	
144.2	159.2		Sqm	1	15.00	0.90		13.50	
159.2	174.2		Sqm	1	15.00	0.90		13.50	
174.2	189.2		Sqm	1	15.00	0.90		13.50	
189.2	204.2		Sqm	1	15.00	0.90		13.50	
204.2	213.5		Sqm	1	9.30	0.90		8.37	

CFC 20/01/2020

CFC 20/01/2020

CIVIL Pro Sig Date BANGALORE

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Sqm	1	15.00	0.75		11.25	
15	30		Sqm	1	15.00	0.75		11.25	
30	42.2		Sqm	1	12.20	0.75		9.15	
		Cross Road-2							
0	15		Sqm	1	15.00	0.75		11.25	
15	30		Sqm	1	15.00	0.75		11.25	
30	45		Sqm	1	15.00	0.75		11.25	
45	60		Sqm	1	15.00	0.75		11.25	
60	75		Sqm	1	15.00	0.75		11.25	
75	80		Sqm	1	5.00	0.75		3.75	
		Cross Road-3							
0	15		Sqm	1	15.00	0.75		11.25	
15	30		Sqm	1	15.00	0.75		11.25	
30	47		Sqm	1	17.00	0.75		12.75	
		Cross Road-4							
		RHS							
0	15		Sqm	1	15.00	0.90		13.50	
15	30		Sqm	1	15.00	0.90		13.50	
30	45		Sqm	1	15.00	0.90		13.50	
45	60		Sqm	1	15.00	0.90		13.50	
60	75		Sqm	1	15.00	0.90		13.50	
75	90		Sqm	1	15.00	0.90		13.50	
90	105		Sqm	1	15.00	0.90		13.50	
105	120		Sqm	1	15.00	0.90		13.50	
120	135		Sqm	1	15.00	0.90		13.50	
135	150		Sqm	1	15.00	0.90		13.50	
150	164		Sqm	1	14.00	0.90		12.60	
		LHS Missing Cover Slab							
			Sqm	18	0.90	0.60		9.72	
							TOTAL	696.45	

20/01/2020

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

Assistant Engineer

A.E.E

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.06		Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of the Engineer-in-charge of the work . (Data Rate)							
		Culvert							
		Kenchenahalli							
		Main Rd continue							
			Sqm	1	7.00	1.20		8.40	
			Sqm	1	7.80	1.20		9.36	
		Arun Shelters Apartment Road							
		LHS							
			Sqm	1	10.30	1.20		12.36	
		RHS							
			Sqm	1	8.30	1.20		9.96	
			Sqm	1	7.80	1.20		9.36	
			Sqm	1	10.40	1.20		12.48	
		Harohalli Sri nidhi Layout							
		Cross Road-1							
			Sqm	1	3.70	1.20		4.44	
							TOTAL	66.36	
							Quantity Limited To	64.80	

CIVIL Pro Sig Date BANGALORE

Contactor

PMC

Assistant Engineer

Assistant Engineer

A.E.E

Assistant Executive Engineer

A.E.E

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.07		Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. and as per the directions of the Engineer-in-charge of the work .							
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Cum	1	15.00	4.15	0.15	9.34	
15	30		Cum	1	15.00	3.60	0.19	10.26	
30	49.5		Cum	1	19.50	3.55	0.15	10.38	
		Cross Road-2							
0	15		Cum	1	15.00	5.00	0.19	14.25	
15	30		Cum	1	15.00	5.35	0.15	12.04	
30	33.3		Cum	1	3.30	4.85	0.19	3.04	
33.3	48.3		Cum	1	15.00	4.10	0.15	9.23	
48.3	63.3		Cum	1	15.00	4.00	0.19	11.40	
63.3	71.7		Cum	1	8.40	4.00	0.15	5.04	
		Kenchenahalli School							
			Cum	1	8.80	6.10	0.15	8.05	
			Cum	1	13.15	12.65	0.15	24.95	
			Cum	1	7.10	5.25	0.15	5.59	
							TOTAL	**123.57**	

CIVIL Pro Sig Date BANGPMC

Contactor

Assistant Engineer

A.E.E

Assistant Executive Engineer

Assistant Executive Engineer

MEASUREMENT SHEET - 1st and FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.08		Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. and as per the directions of the Engineer-in-charge of the work .							
		Harohalli Sri nidhi Layout							
		Cross Road-1							
0	15		Sqm	1	15.00	4.15		62.25	
15	30		Sqm	1	15.00	3.60		54.00	
30	49.5		Sqm	1	19.50	3.55		69.23	
		Cross Road-2							
0	15		Sqm	1	15.00	5.00		75.00	
15	30		Sqm	1	15.00	5.35		80.25	
30	33.3		Sqm	1	3.30	4.85		16.01	
33.3	48.3		Sqm	1	15.00	4.10		61.50	
48.3	63.3		Sqm	1	15.00	4.00		60.00	
63.3	71.7		Sqm	1	8.40	4.00		33.60	
		Kenchenahalli School							
			Sqm	1	8.80	6.10		53.68	
			Sqm	1	13.15	12.65		166.35	
			Sqm	1	7.10	5.25		37.28	
							TOTAL	769.13	

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Contactor PMC Assistant Engineer A.E.E Assistant Executive Engineer